

Supplementary materials 1: Online questionnaire

Evaluation of the shift to emergency remote learning of veterinary anatomy during the COVID-19 pandemic: A global students' perspectives

Dear Participants,

Only students who are studying anatomy online during COVID-19 pandemic lockdown are eligible to answer this questionnaire. The purpose of this questionnaire is to assess the efficacy of veterinary anatomy remote teaching during COVID-19 pandemic. The data of this questionnaire will be used for a research study and will be published in an international journal.

* Your answer is anonymous.

** Answering this questionnaire indicates your consent to participate in this study.

Section A: Demographic characteristics

1. Do you agree to participate in this study?

- ☐ Yes
- ☐ No

2. Do you study anatomy online during COVID-19 pandemic?

- ☐ Yes
- ☐ No

3. In which academic year are you?

- ☐ First year student
- ☐ Second year student
- ☐ Third year student
- ☐ Fourth year student
- ☐ Fifth year student

4. What is your gender?

- o Male
- o Female

5. What is your age?

..... years old

6. What is your country?

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6. In which university do you enroll in?

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Section B: Evaluation of the online studying of anatomy

1. I'm interested in online studying of anatomy during COVID-19 pandemic

- o Strongly agree (4)
- o Agree (3)
- o Disagree (2)
- o Strongly disagree (1)

2. I'm comfortable with technological skills during online studying of anatomy during COVID-19 pandemic. (Using Computer, surfing the internet, downloading files, etc.....)

- o Strongly agree (4)
- o Agree (3)
- o Disagree (2)
- o Strongly disagree (1)

3. The anatomy study materials provided to me by the lecturers during the online learning of anatomy were enough.

- o Strongly agree (4)
- o Agree (3)

- o Disagree (2)
- o Strongly disagree (1)

4. What was the type of study materials presented by anatomy staff members during the online learning of anatomy during COVID-19 pandemic? (You can choose more than one answer)

- ☐ PDF lectures
- ☐ PowerPoint presentation with recorded voice
- ☐ On-line streaming
- ☐ Others

5. What is the device do you use to study anatomy online during COVID-19 pandemic? (You can choose more than one answer)

- ☐ PC
- ☐ Laptop
- ☐ Tablet
- ☐ Smart phone

6. Online learning of anatomy can replace face-to-face teaching.

- o Strongly agree (4)
- o Agree (3)
- o Disagree (2)
- o Strongly disagree (1)

7. I can understand anatomy well using online learning.

- o Strongly agree (4)
- o Agree (3)
- o Disagree (2)
- o Strongly disagree (1)

8. Do you need additional study materials to help you understand the provided anatomy lessons?

- o Yes

- o No

9. Which on-line learning tool do you use in studying anatomy during COVID-19 pandemic? (You can choose more than one answer)

- ☐ Anatomy E. Books
- ☐ Research papers
- ☐ Educational websites
- ☐ Anatomy Facebook pages
- ☐ Anatomy Telegram channels
- ☐ Anatomy WhatsApp groups
- ☐ YouTube videos
- ☐ Educational applications
- ☐ Others

10. What is the average studying hours of anatomy before COVID-19 pandemic?

- o 1-2 hour/ week
- o 3-4 hours/ week
- o 5-6 hours/ week
- o 7-8 hours/ week
- o 8-10 hours/ week
- o 10-12 hours/ week

11. What is the average studying hours of anatomy during COVID-19 pandemic?

- o 1-2 hour/ week
- o 3-4 hours/ week
- o 5-6 hours/ week
- o 7-8 hours/ week
- o 8-10 hours/ week
- o 10-12 hours/ week

12. Online learning of anatomy is most suitable for

- o Theoretical parts (lectures)

- o Practical parts
- o Both theoretical and practical parts
- o Neither theoretical nor practical parts

13. What is the most common problem did you face during the online learning of anatomy during COVID-19 pandemic? (You can choose more than one answer)

- ☐ It lacks interaction compared to face-to-face teaching.
- ☐ It takes longer to get feedback and comments back from your lecturer.
- ☐ It requires more time compared to face-to-face teaching.
- ☐ It needs reliable access to a high-speed internet connection.
- ☐ Lecturers require training in e-learning communication skills.
- ☐ Others

14. Is there any recommendation to improve e-learning of anatomy courses.

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